

METHOD FOR PREDICTIVELY ENCODING AND DECODING MOVING IMAGE, RECORDING MEDIUM RECORDING PREDICTIVE MOVING IMAGE ENCODING OR DECODING PROGRAM AND RECORDING MEDIUM RECORDING PREDICTIVE MOVING IMAGE ENCODING DATA

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Abstract

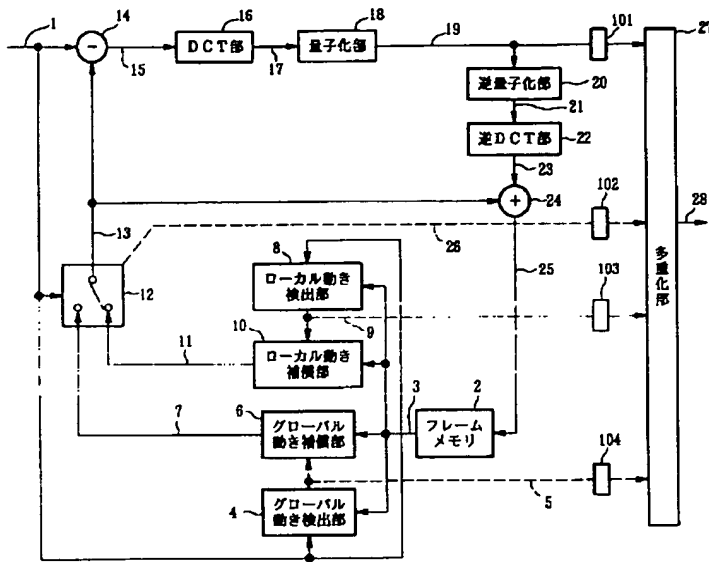
PROBLEM TO BE SOLVED: To improve compression efficiency by reducing unnecessary MCSEL much more even for one bit by inserting a predictive mode selection code word after a code word showing the encoding mode of processing block in an encoded data stream when that block is a inter-frame encoding block and preventing the insertion in the other case.

SOLUTION: The selection of global motion compensation or local motion compensation is performed by a predictive mode selector part 12. The method of selection is free. In this case, when the processing block is the inter-frame encoding block, the predictive mode selection code word showing whether the processing block is predicted by using a global motion compensation stage or a local motion compensation stage is inserted after the code word showing the encoding mode of that processing block in the data stream encoding that block. In the other case, this predictive mode selection code word is not inserted into the data stream.

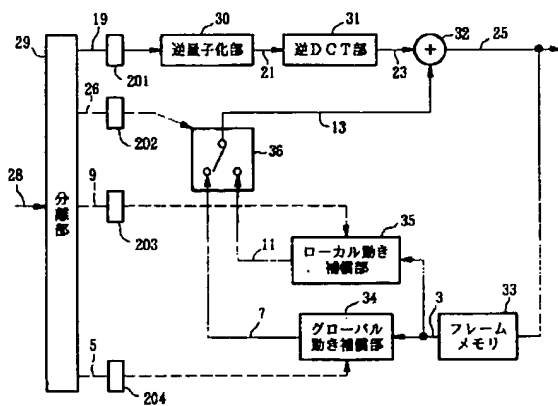
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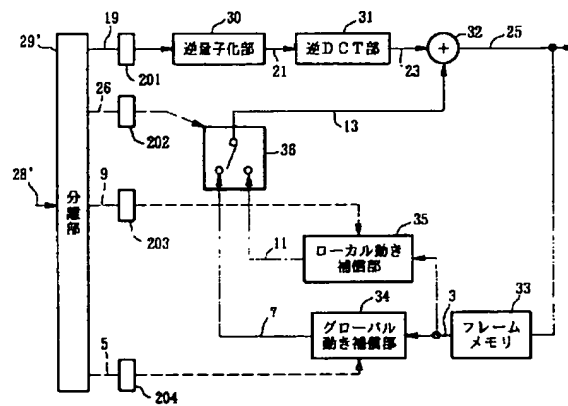
【図1】



【図2】

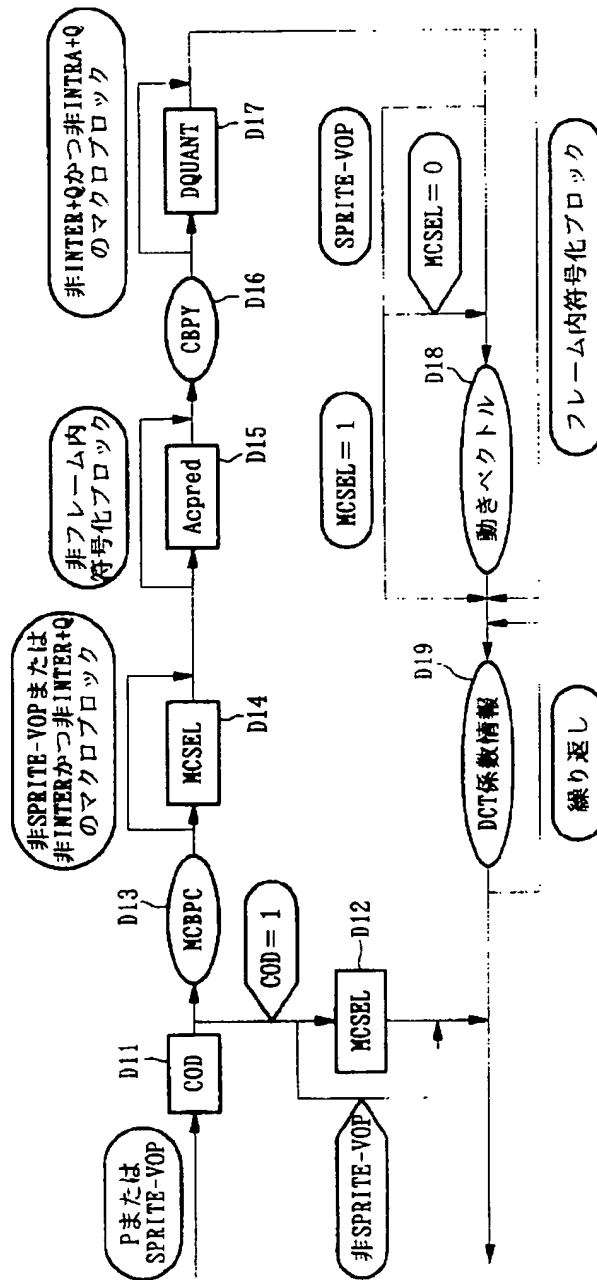


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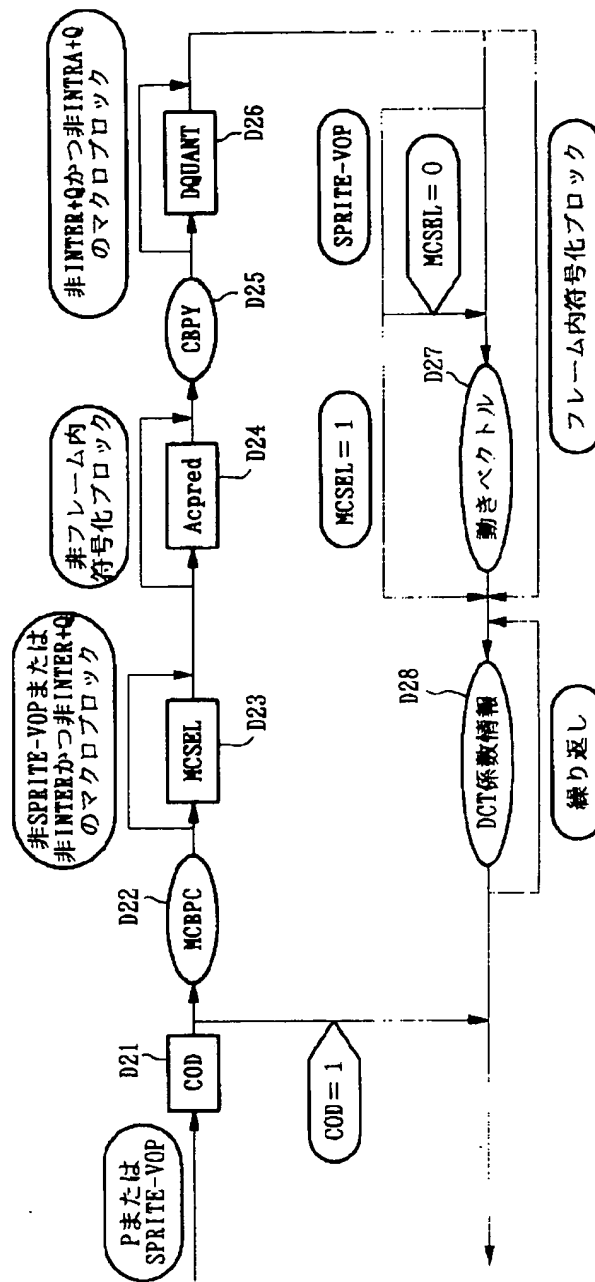


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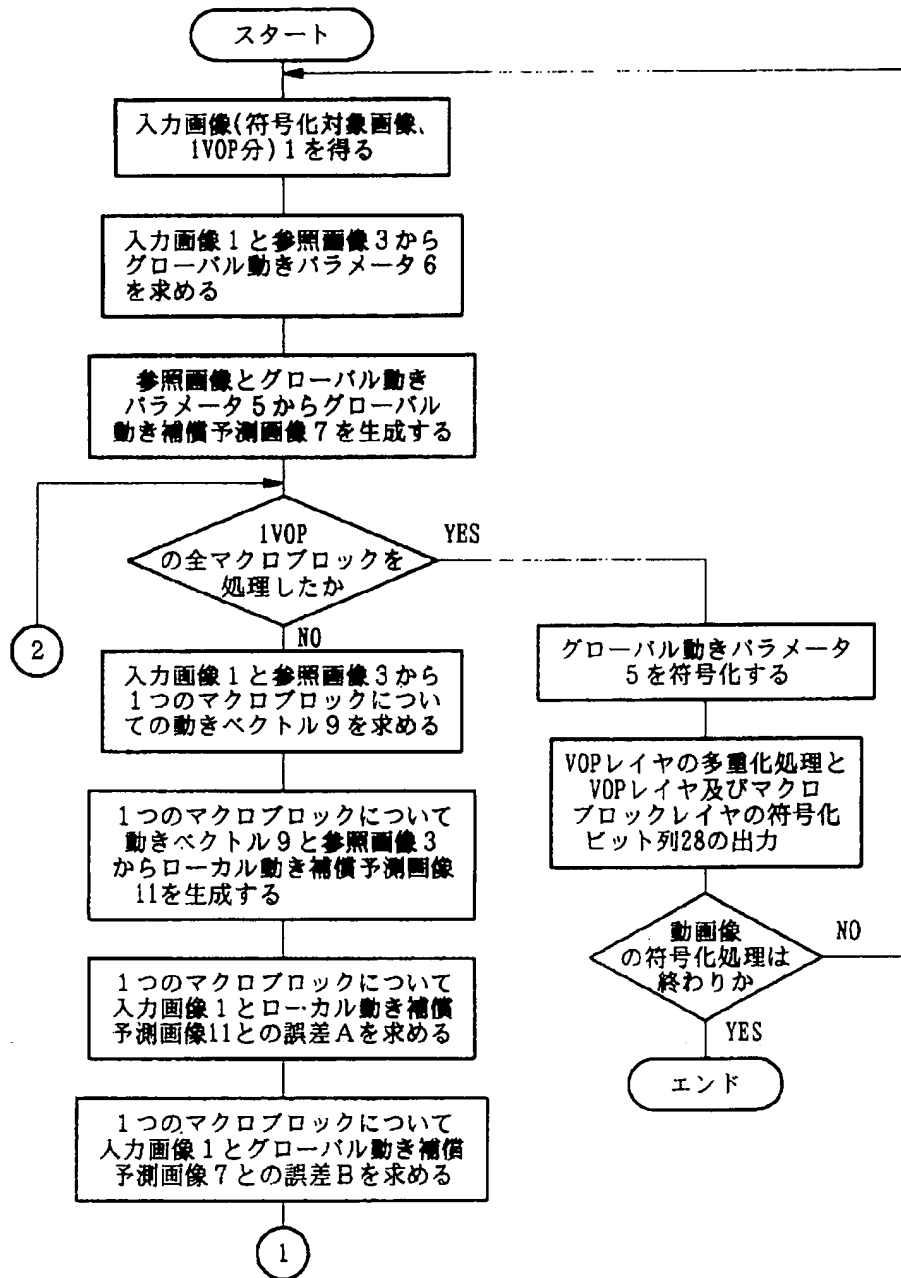
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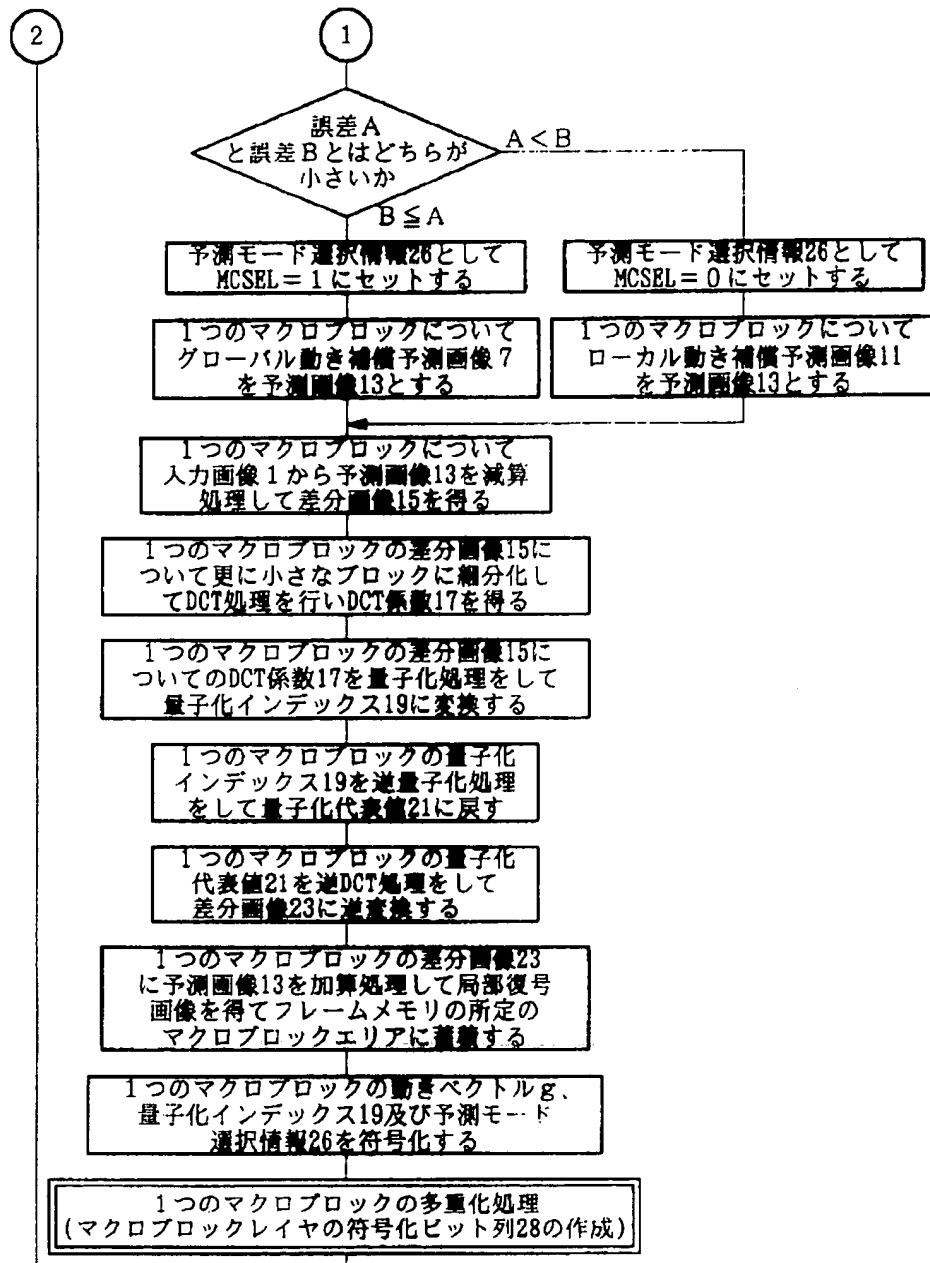
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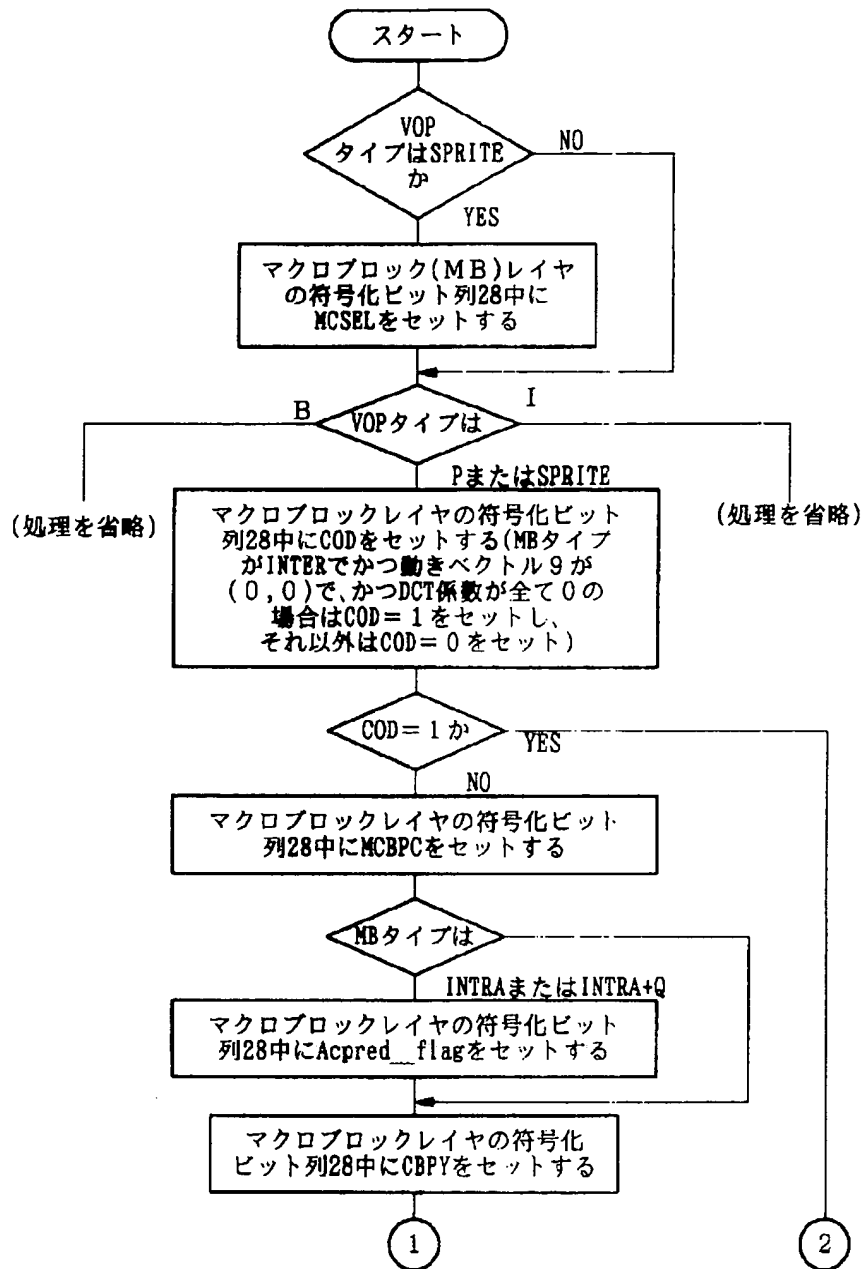
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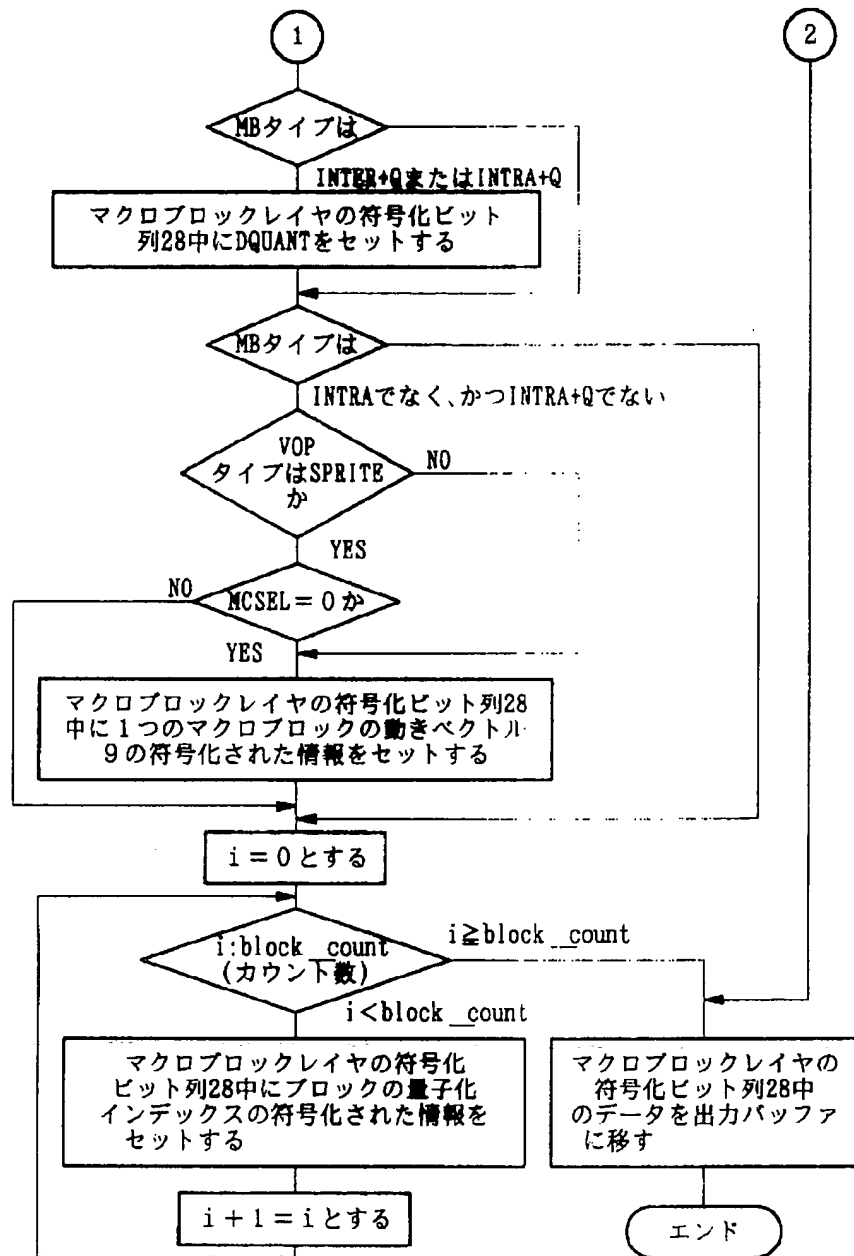
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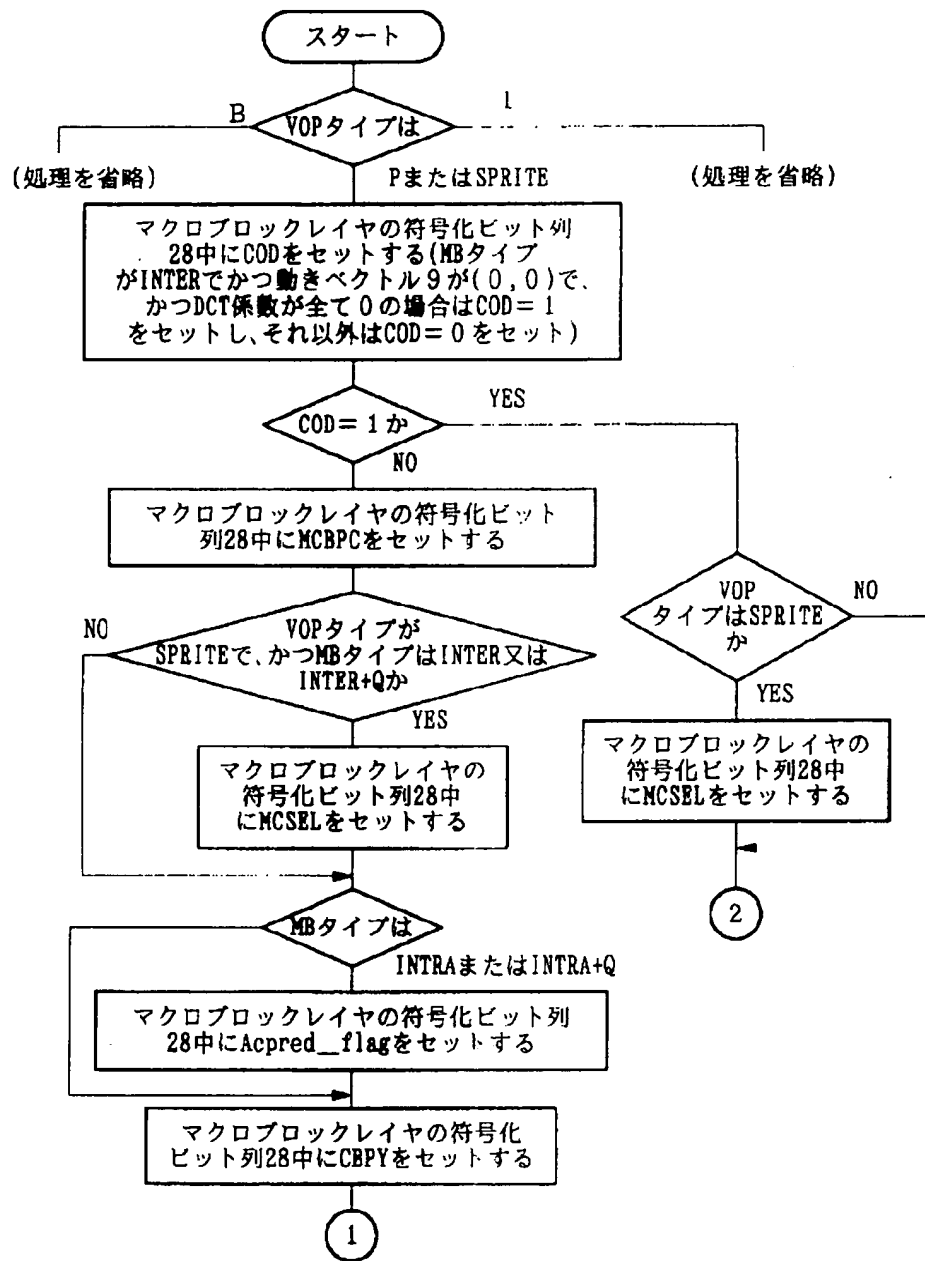
【図10】



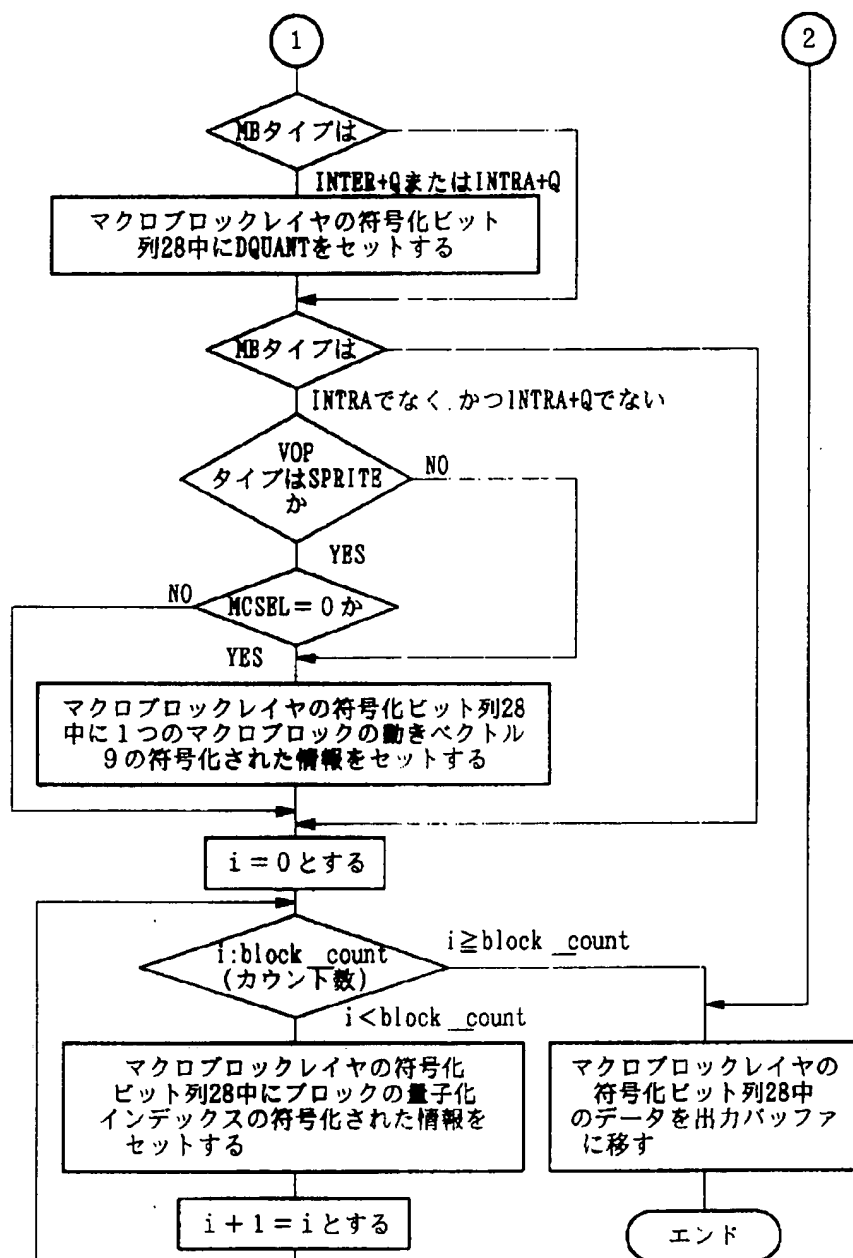
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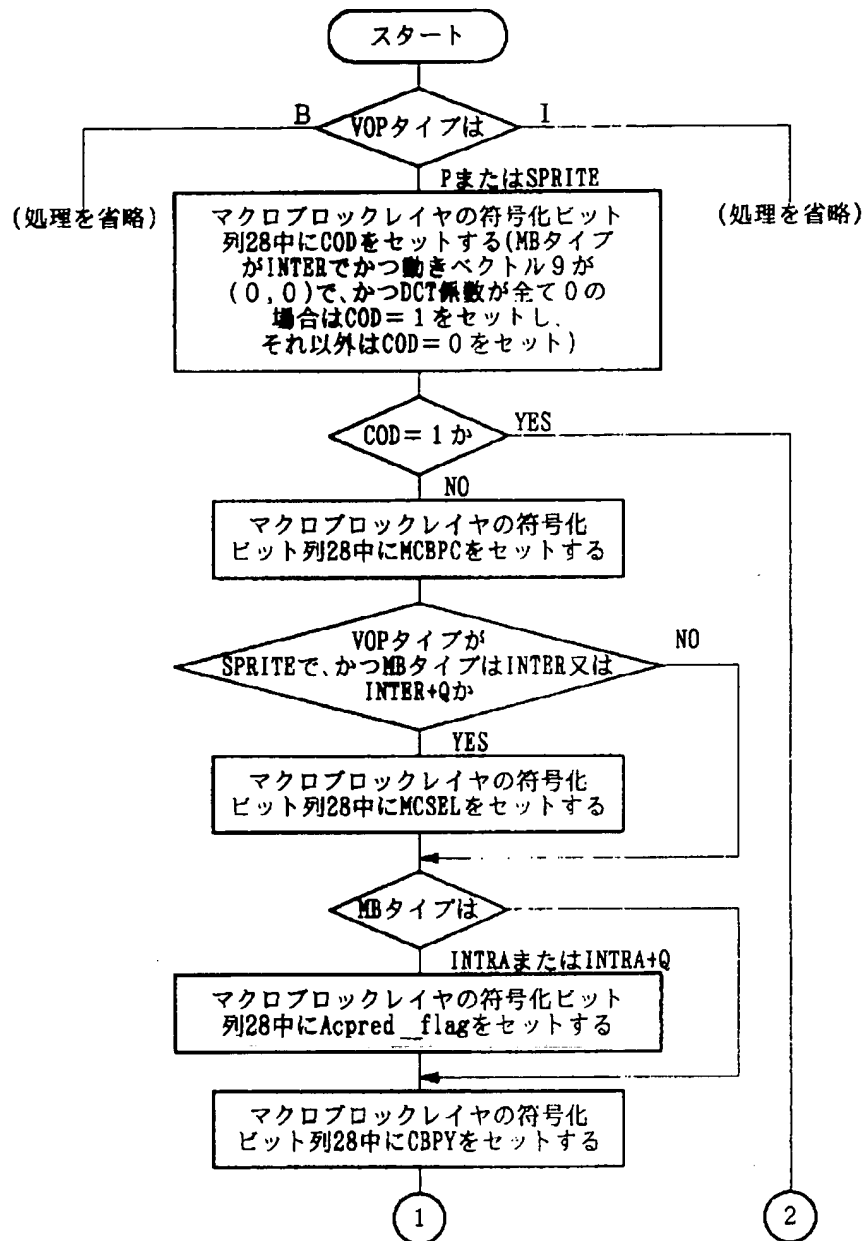
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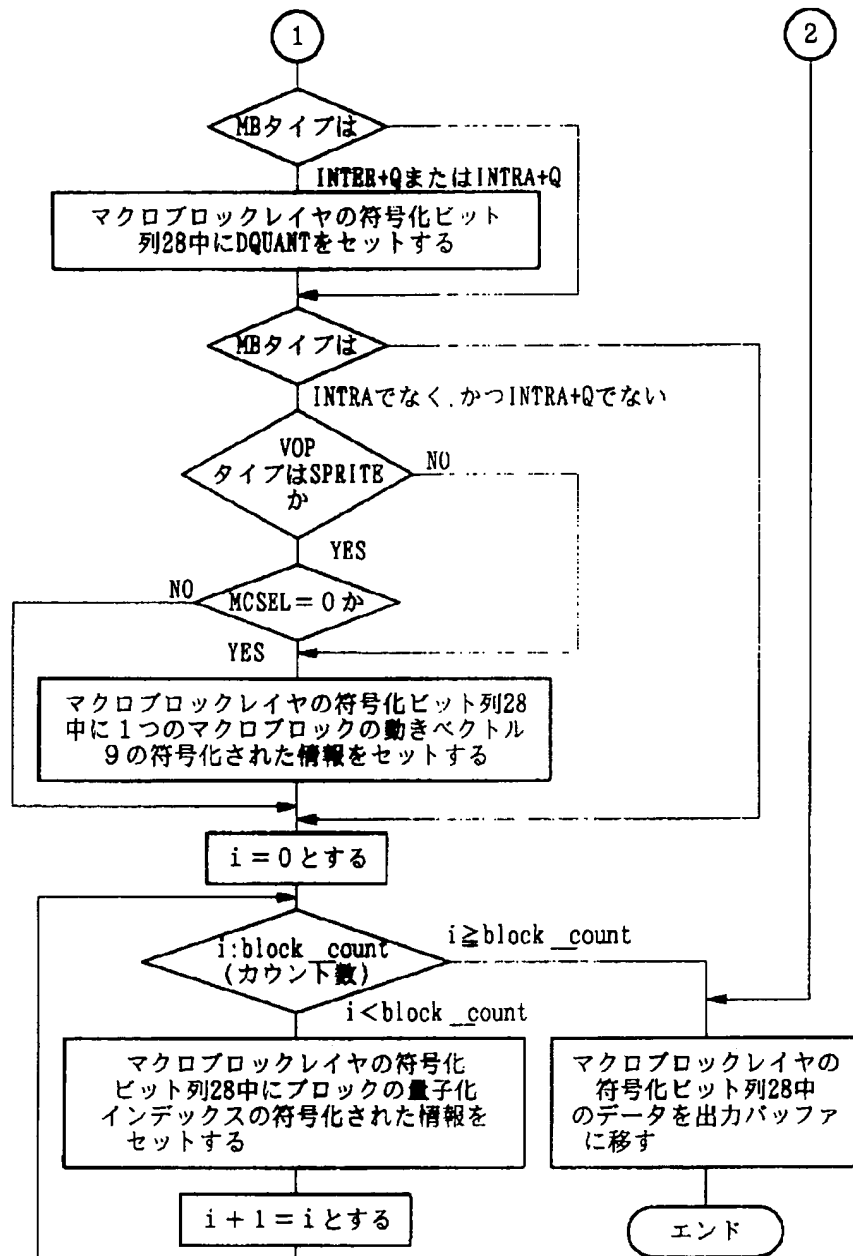
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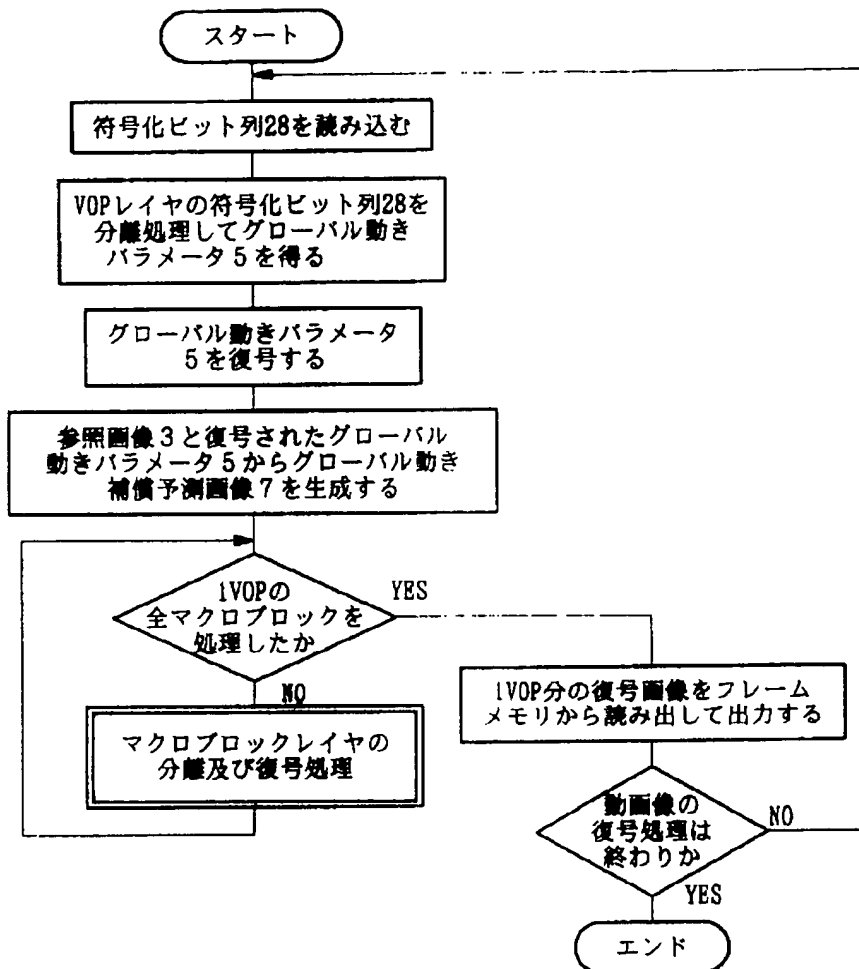
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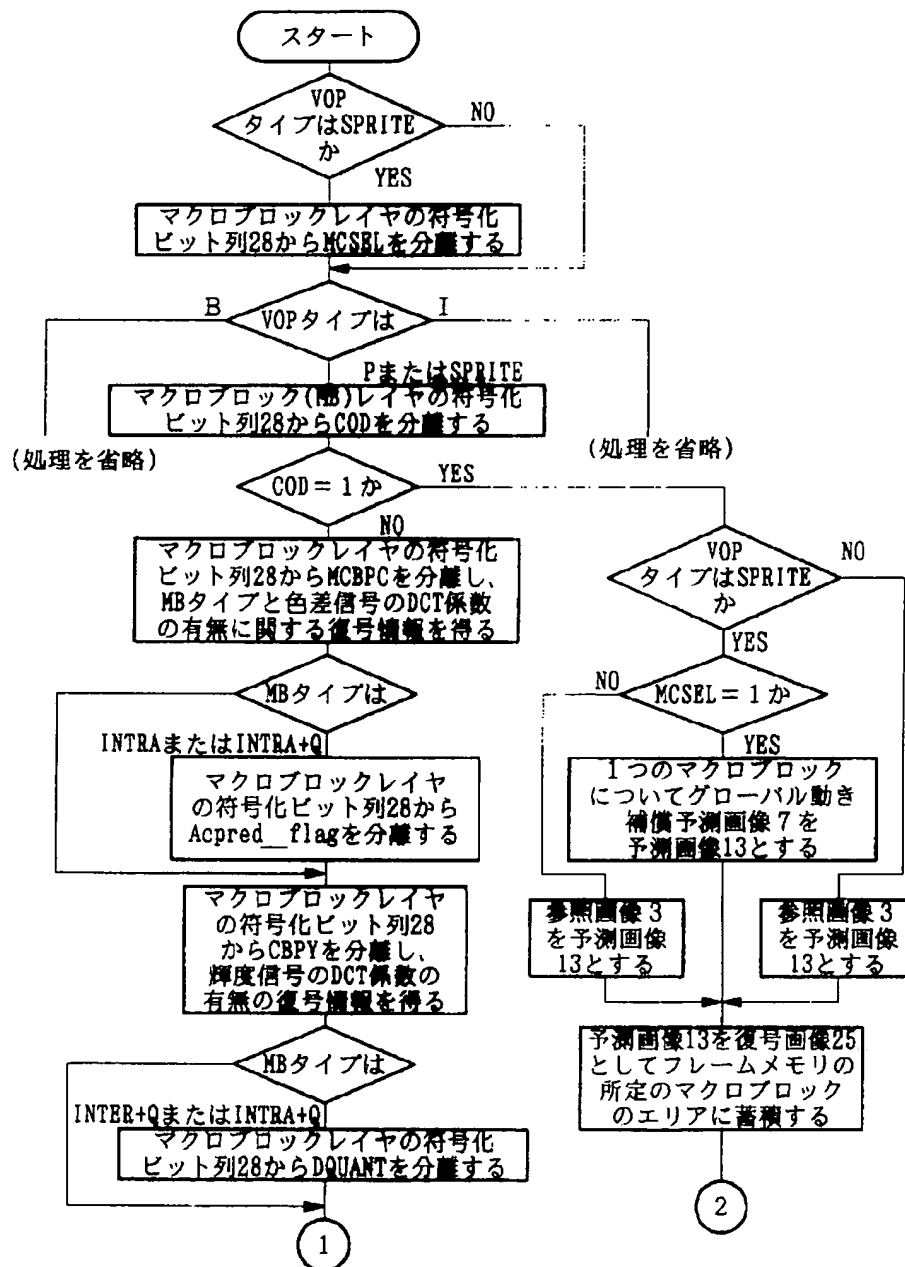
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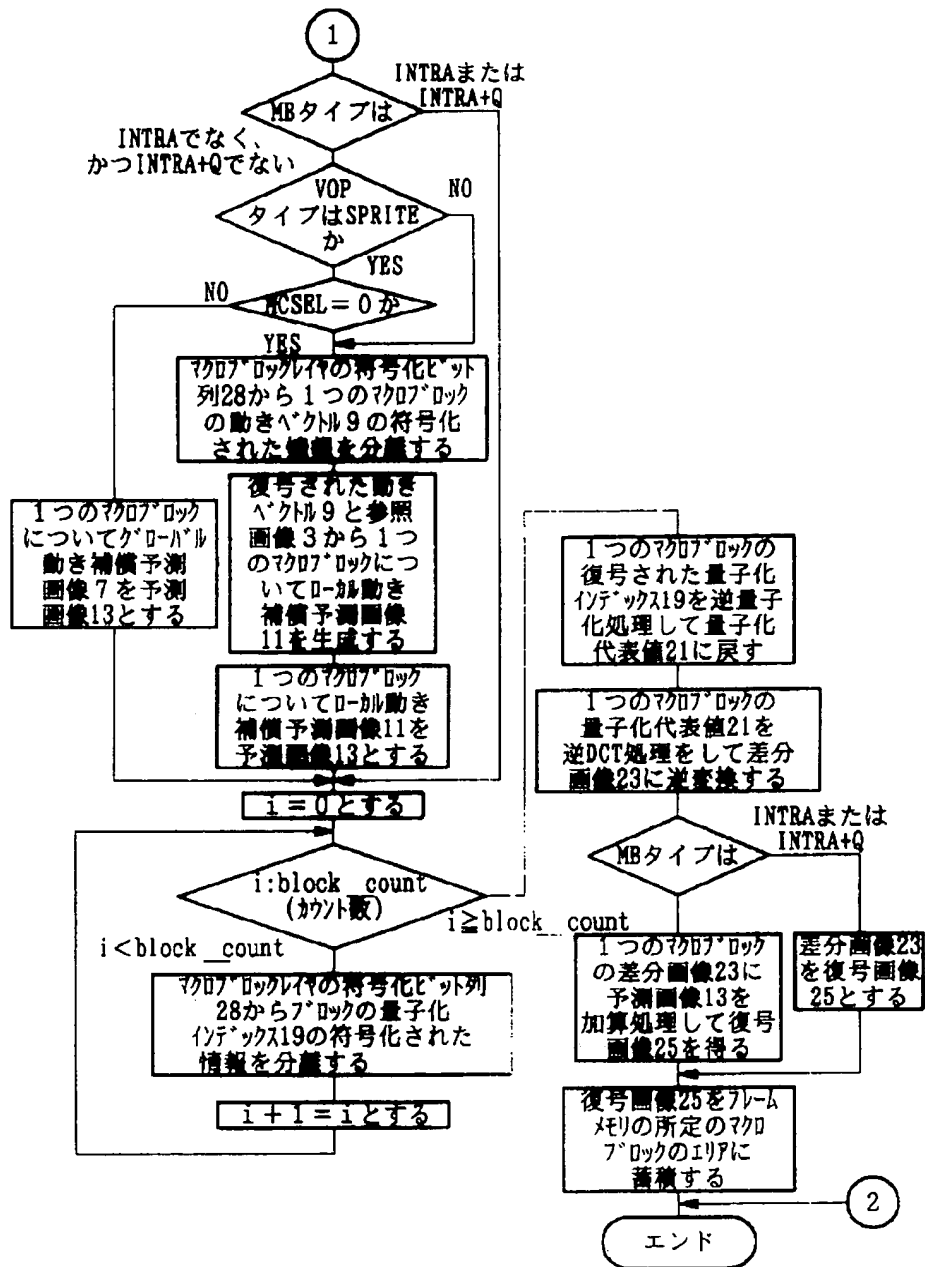
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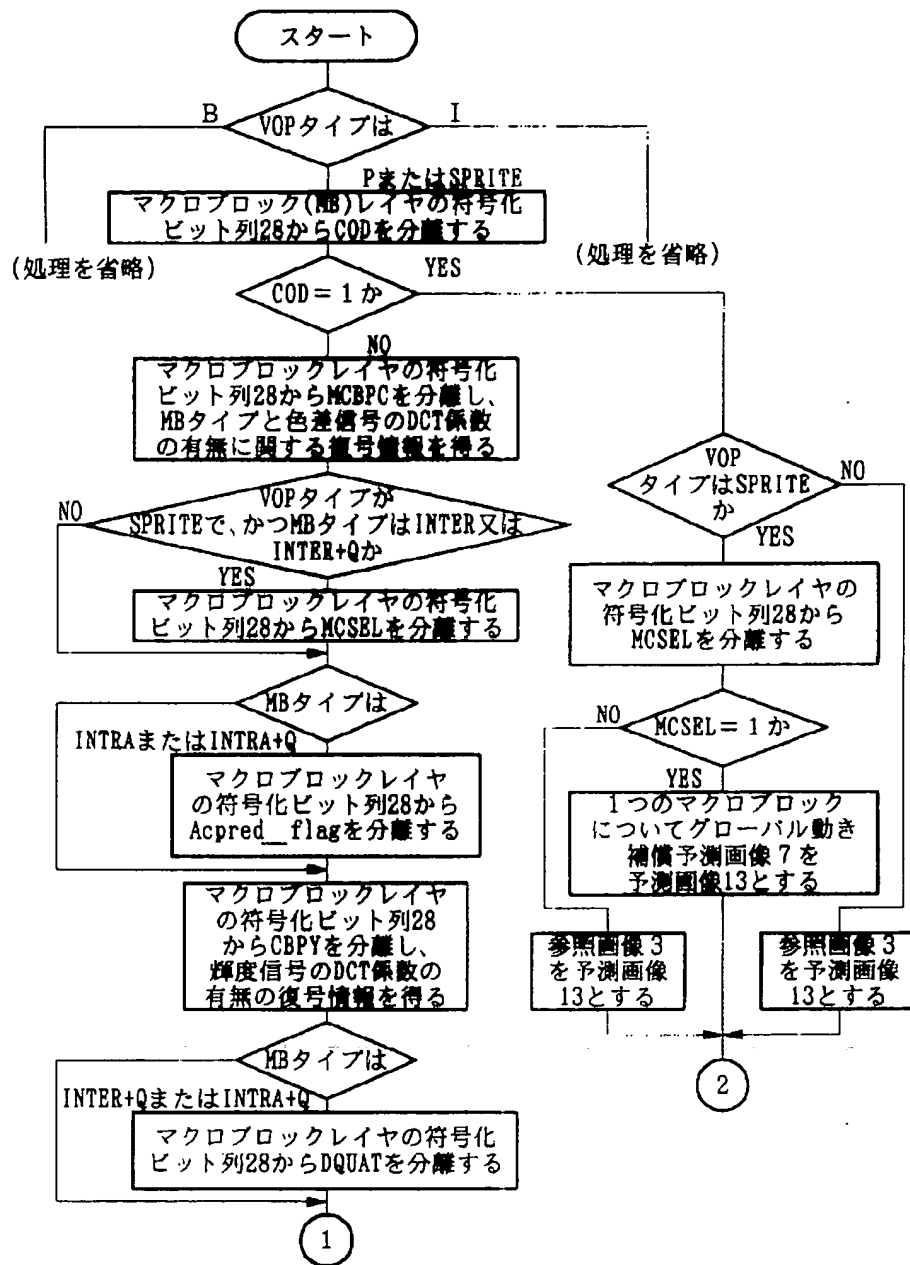
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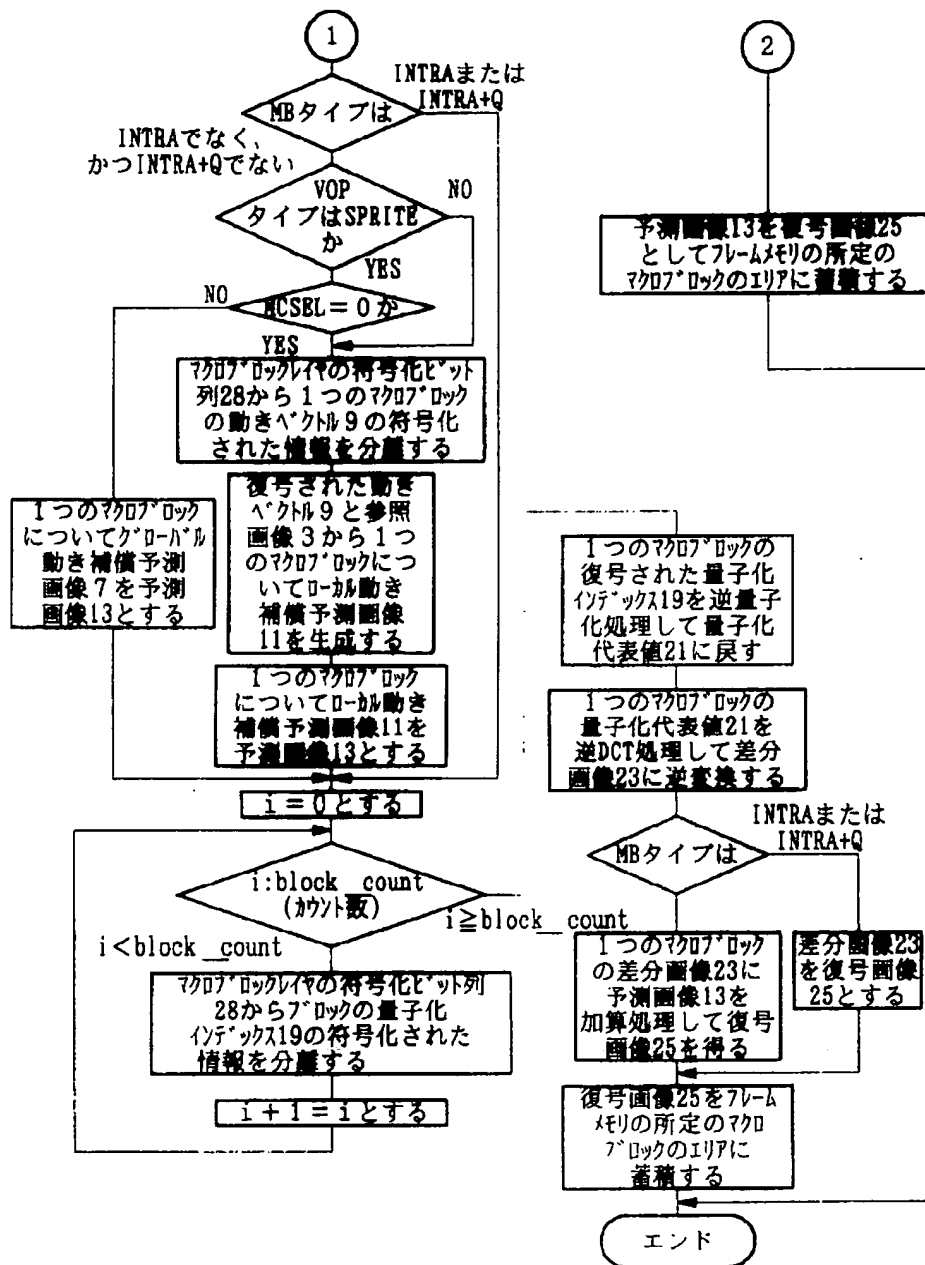
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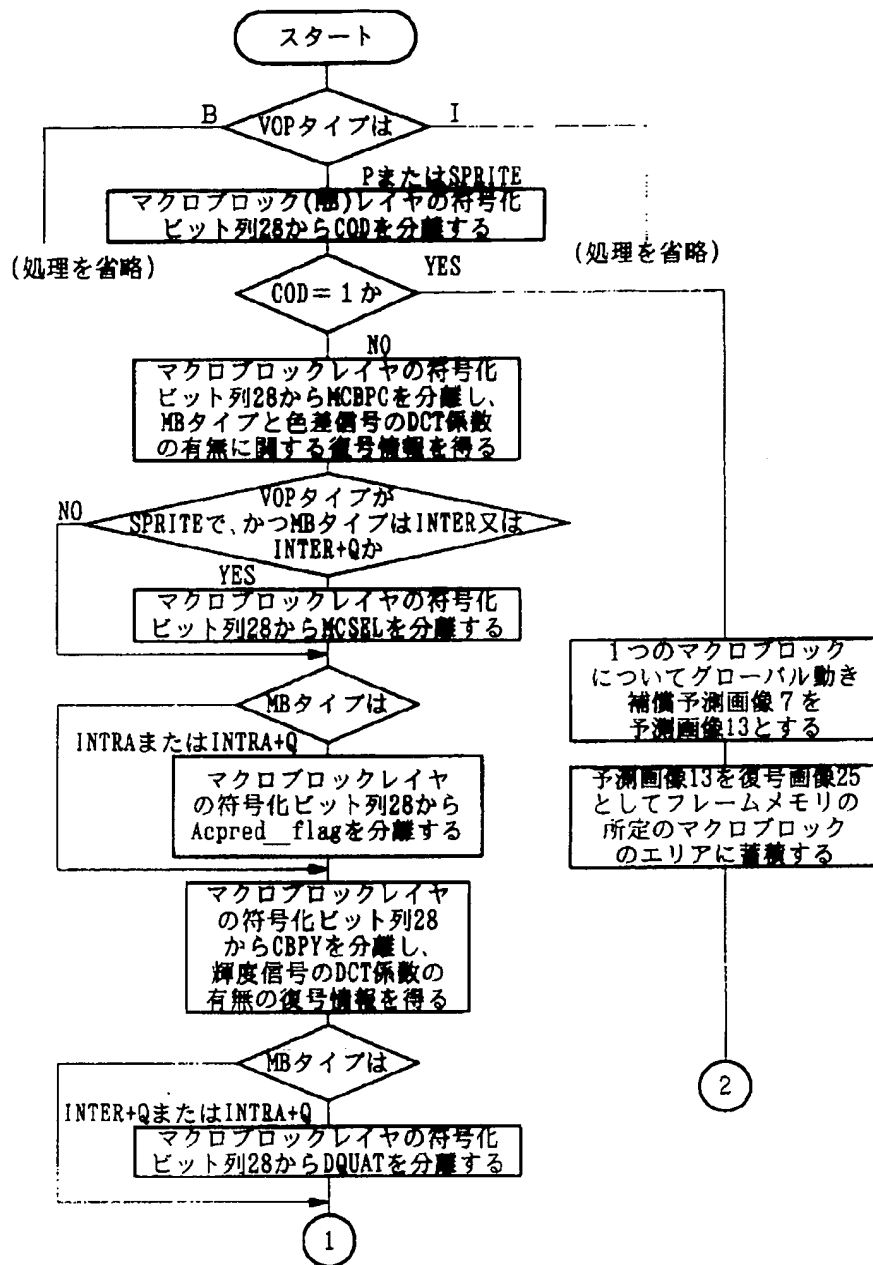
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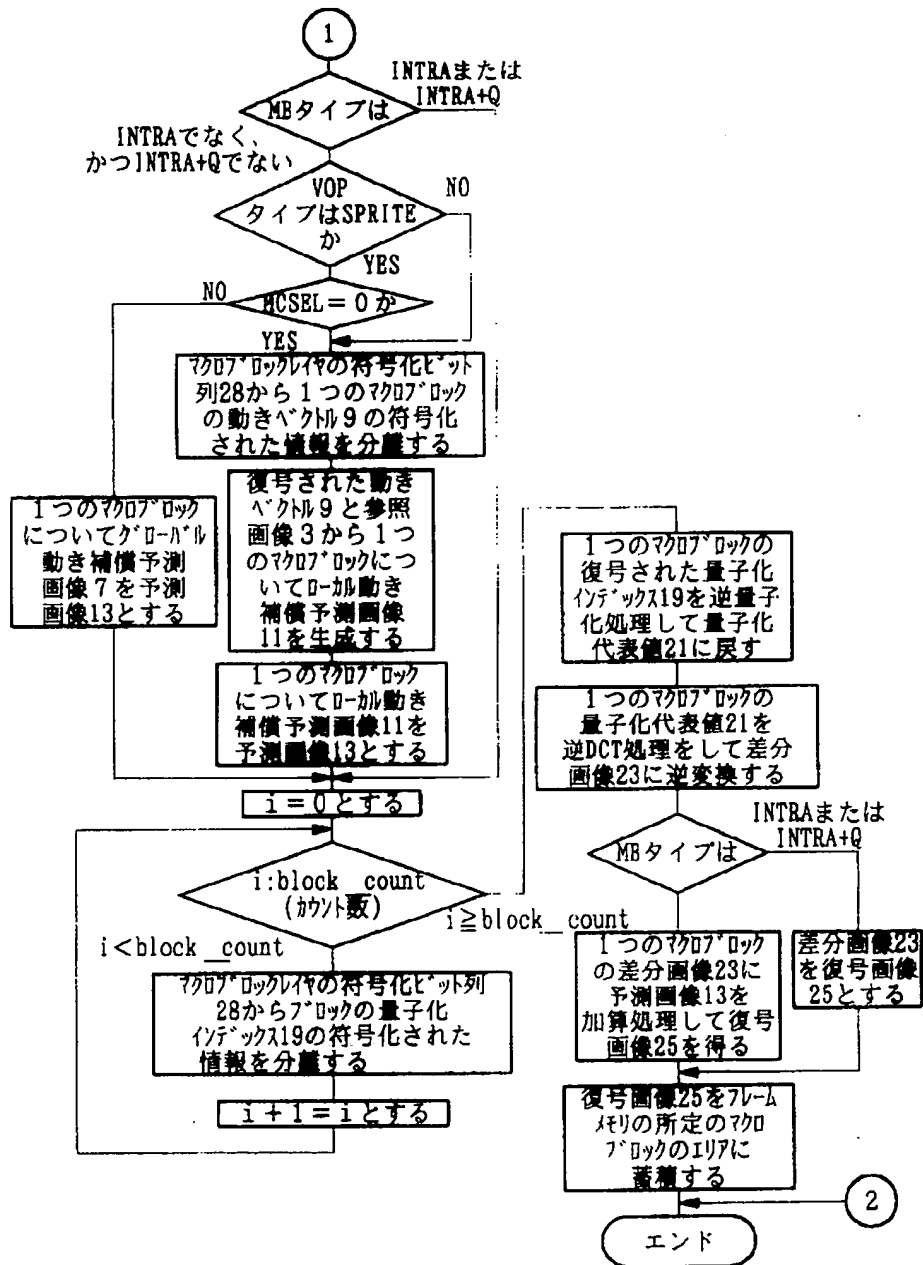
【図20】



【図21】



【図22】



フロントページの続き

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